

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Munekazu DATE, et al.
Appl No.: To Be Assigned
Filed: Concurrently Herewith
For: OPTICAL DEVICE AND DISPLAY APPARATUS

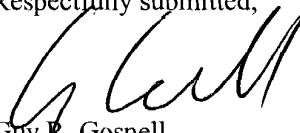
Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT
CITATION UNDER 37 C.F.R. § 1.97**

Attached is a list of documents on form PTO-1449. It is requested that the Examiner consider these documents and officially make them of record in accordance with the provisions of 37 C.F.R. § 1.97 and Section 609 of the MPEP. By submitting the listed documents, Applicant in no way makes any admission as to the prior art status of the listed documents, but is instead submitting the listed documents for the sake of full disclosure.

No items are attached since they were supplied in, or cited by the Office, during prosecution of parent Application No. 09/361,856 filed July 27, 1999. Since the benefit of this application was claimed under 35 U.S.C. 120, no copies need to be furnished in accordance with 37 C.F.R. 1.98(d); however, copies will be furnished on request.

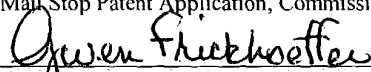
Respectfully submitted,


Guy R. Gosnell
Registration No. 34,610

Customer No. 00826
ALSTON & BIRD LLP
Bank of America Plaza
101 South Tryon Street, Suite 4000
Charlotte, NC 28280-4000
Tel Charlotte Office (704) 444-1000
Fax Charlotte Office (704) 444-1111

"Express Mail" mailing label number EV 034185140 US
Date of Deposit July 8, 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to:
Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450


Gwen Frickhoeffter

Substitute for form 1449/PTO (Revised 04/2003) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	To Be Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Munekazu DATE, et al.
				Group Art Unit	
Examiner Name					
Sheet	1	of	4	Attorney Docket Number 041309/262109	

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
	1	US-4,090,219	05-16-1978	Ernstoff et al.	
	2	US-4,591,233	05-27-1986	Ferguson	
	3	US-4,606,611	08-19-1986	Ferguson	
	4	US-4,626,074	12-2-1986	Crossland et al.	
	5	US-4,810,063	03-07-1989	Ferguson	
	6	US-4,844,596	07-04-1989	Ferguson	
	7	US-5,299,289	03-29-1994	Omae et al.	
	8	US-5,452,385	09-19-1995	Izumi et al.	
	9	US-5,477,351	12-1995	Takahara et al.	
	10	US-5,581,380	12-03-1996	Bergman	
	11	US-5,648,860	07-1997	Ooi et al.	
	12	US-5,706,066	01-06-1998	Sawayama et al.	
	13	US-5,760,860	06-1998	Mason et al.	
	14	US-6,048,071	04-2000	Sawayama	
	15	US-6,133,971	10-2000	Silverstein et al.	
	16	US-6,249,328	06-2001	Fukuzawa et al.	
	17	US-6,339,463	01-2002	Silverstein et al.	
	18	US-6,373,540	04-2002	Munakata	

FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No.	Foreign Patent Document Country Code - Number Kind Code (if known)			Name of Patentee or Applicant of Cited Document	Publication Date MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	JP	54-28597		Nippon Denshin Denwa Kosha	03-03-1979	
	2	JP	59-178428		Ferguson	09-10-1984	A
	4	JP	63-4515			01-13-1988	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449/PTO (Revised 04/2003) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	To Be Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Munekazu DATE, et al.
				Group Art Unit	
				Examiner Name	
Sheet	2	of	4	Attorney Docket Number	041309/262109

FOREIGN PATENT DOCUMENTS							
	5	JP	01033520	A	Canon Inc.	02-03-1989	
	6	JP	02101424	A	Sony Corp.	04-13-1990	
	7	JP	3-23423			01-31-1991	
	8	JP	03073926	A	Asahi Glass Co. Ltd.	03-28-1991	
	9	JP	4-97129	A	Hitachi Lighting Ltd.	03-30-1992	
	10	JP	04338721	A	Seiko Epson Corp.	11-26-1992	
	11	JP	4-352129	A	Sony Corp.	12-07-1992	
	12	JP	04355424	A	Asahi Glass Co. Ltd.	12-09-1992	
	13	JP	05080310	A	Dainippon Printing Co. Ltd.	04-02-1993	
	14	JP	5-5882	A	Katsumi Yoshino	01-14-1993	
	16	JP	05072509	A	NEC Corp.	03-26-1993	
	17	JP	05119302	A	Seiko Epson Corp.	05-18-1993	
	18	JP	05173119	A	Seiko Epson Corp.	07-13-1993	
	15	JP	5-281521	A	Canon Inc.	10-29-1993	A
	19	JP	06075218	A	Stanley Electric Co. Ltd.	03-18-1994	
	20	JP	06214254	A	Matsushita Electric Ind. Co. Ltd.	08-05-1994	
	21	JP	06222360	A	Seiko Epson Corp.	08-12-1994	
	22	JP	06250153	A	Nippon Telegraph & Telephone Corp.	09-09-1994	
	23	JP	6-258640			09-16-1994	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449/PTO (Revised 04/2003) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	To Be Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Munekazu DATE, et al.
				Group Art Unit	
				Examiner Name	
Sheet	3	of	4	Attorney Docket Number	041309/262109

FOREIGN PATENT DOCUMENTS							
	24	JP	06289422	A	Seiko Instr. Inc.	10-18-1994	
	25	JP	06308471	A	Nippon Telegraph & Telephone Corp.	11-04-1994	
	26	JP	6-308543			11-04-1994	A
	27	JP	6-347790			12-22-1994	A
	28	JP	07056157	A	Teijin Ltd.	03-03-1995	A
	29	JP	07104322	A	Fuji Xerox Co. Ltd.	04-21-1995	A
	30	JP	07306402	A	Toshiba Corp.	11-21-1995	
	31	JP	09068700	A	Dainippon Ink & Chem. Inc.	03-11-1997	
	3	JP	62-81688			04-15-1997	
	32	JP	10062798	A	Fujitsu Ltd.	03-06-1998	
	33	JP	10078569	A	Nippon Telegraph & Telephone Corp.	03-24-1998	
	34	JP	10090708	A	Toshiba Corp.	04-10-1998	
	35	JP	10090730	A	Nippon Telegraph & Telephone Corp.	04-10-1998	
	36	JP	10186361	A	Sharp Corp.	07-14-1998	
	37	EP	0 363 084	A2	Dorschner, et al.	04-11-1990	
	38	EP	0 643 318	A1	Kobayashi, et al.	03-15-1995	
	39	EP	0 675 386	A1	Mahe, et al.	10-04-1995	
	40	EP	0 729 055	A2	Taketomi, et al.	08-28-1996	
	41	EP	0 823 587	A1	Taniguchi, et al.	02-11-1998	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449/PTO (Revised 04/2003) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	To Be Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Munekazu DATE, et al.
				Group Art Unit	
				Examiner Name	
Sheet	4	of	4	Attorney Docket Number	041309/262109

OTHER DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	English Language Translation Attached
		World Intellectual Property Organization, Int'l Application No. PCT/US89/01446, Int'l Publication No. WO 89/09807, Int'l Publication Date October 19, 1989	
		RUMIKO YAMAGUCHI, YUTAKA WAKI and SUSUMU SATO; Reverse Mode and Wide Viewing Angle Properties in Polymer Dispersed Liquid Crystal Cells Prepared Using a UV Curable Liquid Crystal; Jpn. J. Appl. Phys.; May 1997; Pages 2771-2774; Volume 36 (1997)	
		European Search Report, EP 99 30 5990, Completed February 1, 2001	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.